

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ross A. Jeffery

Title of Invention: AUDIO/VIDEO SIGNAL REDISTRIBUTION SYSTEM

Docket No. 743-44/MBE

Anticipated Classification
of this application: Class unknown

Prior Application: Examiner unknown
 Art Unit 2749

**PRELIMINARY
AMENDMENT**

The Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

Please amend this application as follows:

IN THE DISCLOSURE

Page 1, line 3, after "This application", insert --is a continuation of
Application No. 09/522,940 filed March 10, 2000, which--.

IN THE CLAIMS

Cancel claims 1 to 20 of the application.

Insert new claims 21 to 36 as follows:

21. (new) A system for redistributing a plurality of audio/video signals to a plurality
of communications interfaces over conductors, comprising
- a server,
- a redistributor for receiving a plurality of input signals, comprising

for each input signal, a demodulator for demodulating the signal,
the server controlling an output channel selection of the input
signal responsive to one or more control signals input into the
communications interface,

for each communications interface, a switching device for routing
the channel selection to an output of the redistributor, the switching
device being controlled by the server responsive to one or more
control signals input into the communications interface and
transmitted to the redistributor over a twisted pair of a telephone
wire which carries a telephone signal, and

for each demodulated input signal, a processor for processing the
signal for switching,

wherein the communications interface receives the output of the
redistributor for transmission to a receiving unit connected to the
communications interface.

22. (new) The system of claim 21 in which the input signals are in different signal
formats.

23. (new) The system of claim 21 in which the processors match the impedance of
the demodulated input signal to the output impedance of the redistributor, raise the
baseband of the demodulated input signal, equalize the high frequency components and
increase the level of chroma of the demodulated input signal, and increase the peak-to-
peak voltage of the demodulated input signal.

24. (new) The system of claim 21 in which the output of the redistributor is
transmitted to the communications interface over an unused twisted pair of a telephone
wire.

25. (new) The system of claim 21 in which the communications interface includes an optical interface for receiving the one or more control signals from an infrared remote control device.

26. (new) The system of claim 21 in which the communications interface includes a data interface for receiving data from a keyboard, joystick, card reader, bar code reader or other data providing device.

27. (new) The system of claim 21 in which the communications interface includes a network interface for transmitting data from a computer to the redistributor over a second unused twisted pair in a telephone wire.

28. (new) The system of claim 21 in which the communications interface modulates the output of the redistributor to a selected channel of the receiving device.

29. (new) A method of redistributing a plurality of audio/video signals to a plurality of communications interfaces over conductors, comprising the steps of

- (a) receiving a plurality of input signals at a signal redistributor,
- (b) demodulating each input signal,
- (c) processing each input signal to a format suitable for switching,
- (d) switching an output of the redistributor according to one or more control signals input into a communications interface and transmitted to the redistributor over a twisted pair of a telephone wire which carries a telephone signal, and
- (e) routing the output of the redistributor to the communications interface, wherein the output of the redistributor is received by a communications interface for transmission to a receiving device.

30. (new) The method of claim 29 in which the input signals are in different signal formats.

31. (new) The method of claim 29 in which the step of processing each input signal to a format suitable for switching comprises matching the impedance of the demodulated

input signal to the output impedance of the redistributor, raising the baseband of the demodulated input signal, equalizing the high frequency components and increasing the level of chroma of the demodulated input signal, and increasing the peak-to-peak voltage of the demodulated input signal.

32. (new) The method of claim 29 including the step of transmitting the output of the redistributor to the communications interface over an unused twisted pair of a telephone wire.

33. (new) The method of claim 29 in which the communications interface includes an optical interface for receiving the one or more control signals from an infrared remote control device.

34. (new) The method of claim 29 in which the communications interface includes a data interface for receiving data from a keyboard, joystick, card reader, bar code reader or other data providing device.

35. (new) The method of claim 29 in which the communications interface includes a network interface for communicating data from a computer to the redistributor over a second unused twisted pair in a telephone wire.

36. (new) The method of claim 29 including the step of modulating the output of the redistributor to a selected channel of the receiving device.

REMARKS

The disclosure has been amended at page 1 to refer to the prior applications.

Applicant cancels claims 1 to 20 and will proceed with new claims 21 to 36 in this continuation application, which claim a different aspect of the invention.

Favourable examination is requested.

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MBE/lf
Encl. amendments to page 1 of disclosure